**POST-MAINTENANCE REPORT OF NYAMASHEKE, KARONGI AND NGORORERO DISTRICTS**

1. **INTRODUCTION**

This report summarizes the status after maintenance based on the pre- maintenance of the automatic weather stations located in Karongi and Nyamasheke District.The maintenance conducted from 21st, October to 24th, October 2025.

1. **POST MAINTENANCE FINDINGS**
   1. **KARONGI DISTRICT**
2. **GISHYITA AWS**

**Pre-maintenance issue:**

* **Relative Humidity**: from 2025-09-15 09:30:00 up to date humidity is always 0%.

**Finding during maintenance**: faulty sensor

**Performed activities**: Troubleshooting

**Status after maintenance**: Not solved .

**Pre-maintenance issue:**

* **Battery:** Battery drops up to 0V.
* **Station report only on sunlight hours.**

**Finding during maintenance**: damaged battery

**Performed activities**: Replace battery

**Status after maintenance**: Solved

1. **NZARATSI AWS**

**Pre-maintenance issue:**

* **Data in available in Webmonitor**

**Finding during maintenance**: destination path is well configured in on data logger

**Ongoing action**: Configure into Web monitor

**Status after maintenance**: Solved

1. **MURAMBI ARG**

**Pre-maintenance issue:**

* **Station do not report**

**Finding during maintenance**: poor network

**Performed activities**: Rebooting radio modem

**Status after maintenance**: Solved

* 1. **NYAMASHEKE DISTRICT**

1. **WISUMO AWS**

**Pre-maintenance issue:**

* **Battery:** Battery drops up to 0V.

**Finding during maintenance**: damaged battery/does not recharge.

**Performed activities**: Replace battery

**Status after maintenance**: Solved

**Pre-maintenance issue:**

* **Rain gauge sensor:** Records only total rainfall of 4.6 mm from 1/07/2025 to 24/09/2025.

**Finding during maintenance**: dirty rain gauge

**Performed activities**: Cleaning the rain gauge.

**Status after maintenance**: Solved

**Pre-maintenance issue:**

* **Station report only on sunlight hours**

**Finding during maintenance**: damaged battery

**Performed activities**: Replace battery

**Status after maintenance**: Solved

1. **KANJONGO AWS**

**Pre-maintenance issue:**

* **Reporting status:** Does not report (No any available data), Data logger do not get powered.

**Finding during maintenance**: FTP error and damaged data logger

**Performed activities**: Troubleshooting

**Status after maintenance**: Not solved.

1. **NYAMASHEKE AWS**

* **Rain:** It is not in harmony with manual station (on 1/7/2025 from 15:00 to 15:10 records 52 mm while on same day manual station records 0 mm).

**Finding during maintenance**: faulty rain gauge sensor and damaged rain gauge sensor cable.

**Performed activities**: Replacing rain gauge sensor and cable.

**Status after maintenance**: Solved

1. **SHANGI ARG**

**Pre-maintenance issue:**

* **Station do not report**

**Finding during maintenance**: poor network

**Performed activities**: Rebooting radio modem

**Status after maintenance**: Solved

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